

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted) - South Atlantic-05

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Residential													
Liquefied Petroleum Gases	0.080	0.075	0.078	0.077	0.078	0.079	0.080	0.081	0.083	0.084	0.085	0.086	0.087
Kerosene	0.022	0.029	0.029	0.034	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Distillate Fuel Oil	0.089	0.087	0.085	0.083	0.082	0.081	0.081	0.080	0.080	0.079	0.078	0.077	0.076
Liquid Fuels Subtotal	0.191	0.192	0.192	0.194	0.195	0.195	0.196	0.197	0.198	0.198	0.198	0.198	0.198
Natural Gas	0.470	0.472	0.417	0.464	0.476	0.482	0.488	0.495	0.503	0.507	0.512	0.516	0.522
Coal	0.002	0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Renewable Energy 1/ Electricity	0.058	0.062	0.059	0.063	0.065	0.064	0.064	0.063	0.063	0.062	0.062	0.062	0.062
Delivered Energy	1.127	1.171	1.182	1.204	1.237	1.264	1.294	1.323	1.354	1.379	1.406	1.433	1.463
Electricity Related Losses	1.848	1.898	1.852	1.927	1.974	2.006	2.043	2.079	2.119	2.148	2.179	2.210	2.246
Total	2.160	2.264	2.209	2.198	2.188	2.225	2.250	2.273	2.284	2.295	2.317	2.338	2.334
Total	4.008	4.161	4.061	4.125	4.162	4.231	4.293	4.352	4.403	4.443	4.495	4.548	4.579
Commercial													
Liquefied Petroleum Gases	0.015	0.014	0.014	0.013	0.014	0.014	0.014	0.014	0.014	0.014	0.015	0.015	0.015
Motor Gasoline 2/ Kerosene	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
Distillate Fuel Oil	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Residual Fuel Oil	0.071	0.075	0.075	0.066	0.067	0.068	0.070	0.072	0.073	0.075	0.076	0.076	0.077
Liquid Fuels Subtotal	0.008	0.010	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Natural Gas	0.109	0.112	0.112	0.103	0.105	0.108	0.109	0.111	0.113	0.115	0.116	0.117	0.118
Coal	0.360	0.378	0.349	0.371	0.396	0.407	0.418	0.434	0.448	0.462	0.474	0.486	0.497
Renewable Energy 3/ Electricity	0.008	0.008	0.005	0.005	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Delivered Energy	0.022	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
Electricity Related Losses	0.927	0.956	0.961	0.997	1.038	1.066	1.094	1.124	1.157	1.190	1.222	1.253	1.285
Total	1.426	1.477	1.451	1.499	1.567	1.610	1.649	1.697	1.746	1.795	1.841	1.885	1.928
Total	1.777	1.848	1.797	1.819	1.836	1.877	1.901	1.932	1.951	1.981	2.014	2.045	2.050
Total	3.203	3.325	3.247	3.318	3.403	3.487	3.550	3.629	3.698	3.776	3.855	3.930	3.978
Industrial 4/													
Liquefied Petroleum Gases	0.039	0.037	0.038	0.040	0.040	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
Motor Gasoline 2/ Distillate Fuel Oil	0.055	0.056	0.057	0.055	0.055	0.055	0.056	0.056	0.056	0.056	0.057	0.057	0.058
Residual Fuel Oil	0.213	0.217	0.231	0.221	0.215	0.211	0.209	0.209	0.209	0.210	0.212	0.212	0.214
Petrochemical Feedstocks	0.093	0.098	0.093	0.066	0.063	0.062	0.062	0.061	0.061	0.061	0.063	0.061	0.062
Other Petroleum 5/ Liquid Fuels Subtotal	0.212	0.194	0.185	0.200	0.207	0.206	0.207	0.207	0.208	0.208	0.208	0.208	0.209
Natural Gas	0.393	0.402	0.384	0.361	0.355	0.349	0.349	0.344	0.343	0.344	0.346	0.344	0.349
Natural-Gas-to-Liquids Heat and Power	1.007	1.005	0.987	0.943	0.935	0.923	0.922	0.915	0.916	0.919	0.923	0.922	0.931
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.558	0.548	0.568	0.485	0.492	0.505	0.510	0.517	0.518	0.521	0.524	0.527	0.533
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Industrial Coal	0.010	0.010	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
Coal-to-Liquids Heat and Power	0.568	0.558	0.584	0.500	0.508	0.521	0.526	0.532	0.534	0.537	0.540	0.543	0.548
Net Coal Coke Imports	0.078	0.076	0.084	0.081	0.081	0.080	0.081	0.081	0.081	0.082	0.082	0.083	0.084
Coal Subtotal	0.302	0.284	0.281	0.286	0.290	0.292	0.293	0.292	0.291	0.290	0.290	0.289	0.289
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Renewable Energy 7/ Electricity	-0.077	-0.027	-0.029	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.010	-0.010	-0.010	-0.010
Delivered Energy	0.302	0.333	0.336	0.355	0.360	0.361	0.363	0.362	0.361	0.361	0.362	0.362	0.362
Electricity Related Losses	0.213	0.245	0.315	0.354	0.454	0.613	0.689	0.707	0.722	0.727	0.731	0.736	0.740
Total	0.553	0.469	0.512	0.515	0.515	0.516	0.521	0.528	0.536	0.544	0.551	0.559	0.568
Total	0.593	0.592	0.589	0.608	0.614	0.614	0.618	0.621	0.625	0.628	0.632	0.636	0.640
Total	3.236	3.202	3.324	3.276	3.387	3.547	3.638	3.666	3.694	3.716	3.739	3.758	3.790
Total	1.137	1.145	1.100	1.110	1.087	1.081	1.074	1.067	1.054	1.045	1.041	1.037	1.022
Total	4.373	4.347	4.424	4.385	4.474	4.628	4.712	4.733	4.748	4.761	4.780	4.795	4.811
Transportation													
Liquefied Petroleum Gases	0.005	0.007	0.007	0.010	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted) - South Atlantic-05

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Motor Gasoline 2/	3.412	3.410	3.446	3.420	3.421	3.439	3.468	3.518	3.574	3.635	3.704	3.775	3.848
Jet Fuel 9/	0.304	0.302	0.306	0.316	0.327	0.341	0.358	0.365	0.371	0.377	0.382	0.388	0.393
Distillate Fuel Oil 10/	0.981	0.995	1.021	1.049	1.072	1.097	1.124	1.153	1.182	1.210	1.235	1.261	1.288
Residual Fuel Oil	0.089	0.097	0.089	0.092	0.095	0.098	0.101	0.102	0.102	0.103	0.104	0.104	0.105
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 11/	0.028	0.031	0.030	0.031	0.031	0.032	0.032	0.032	0.032	0.033	0.033	0.033	0.033
Liquid Fuels Subtotal	4.819	4.843	4.899	4.919	4.956	5.016	5.091	5.180	5.272	5.367	5.468	5.572	5.679
Pipeline Fuel Natural Gas	0.053	0.052	0.055	0.060	0.061	0.062	0.063	0.066	0.067	0.067	0.069	0.072	0.072
Compressed Natural Gas	0.005	0.006	0.008	0.008	0.009	0.009	0.010	0.011	0.011	0.012	0.012	0.013	0.014
Electricity	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Delivered Energy	4.880	4.904	4.965	4.990	5.030	5.091	5.168	5.260	5.354	5.450	5.554	5.661	5.770
Electricity Related Losses	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Total	4.887	4.911	4.972	4.997	5.037	5.098	5.175	5.267	5.361	5.457	5.561	5.668	5.777
Delivered Energy Consumption, All Sectors													
Liquefied Petroleum Gases	0.139	0.133	0.137	0.140	0.141	0.142	0.142	0.144	0.145	0.146	0.148	0.149	0.151
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Motor Gasoline 2/	3.476	3.474	3.510	3.484	3.485	3.503	3.532	3.583	3.639	3.700	3.769	3.841	3.915
Jet Fuel 9/	0.304	0.302	0.306	0.316	0.327	0.341	0.358	0.365	0.371	0.377	0.382	0.388	0.393
Kerosene	0.030	0.036	0.036	0.041	0.042	0.042	0.043	0.043	0.043	0.043	0.043	0.043	0.043
Distillate Fuel Oil	1.355	1.374	1.412	1.419	1.436	1.457	1.483	1.513	1.544	1.574	1.600	1.627	1.655
Residual Fuel Oil	0.191	0.205	0.192	0.168	0.168	0.170	0.173	0.172	0.174	0.175	0.176	0.176	0.177
Petrochemical Feedstocks	0.212	0.194	0.185	0.200	0.207	0.206	0.207	0.207	0.208	0.208	0.208	0.208	0.209
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.420	0.432	0.413	0.391	0.385	0.379	0.380	0.375	0.374	0.375	0.378	0.376	0.381
Liquid Fuels Subtotal	6.126	6.151	6.190	6.159	6.192	6.242	6.318	6.403	6.499	6.599	6.706	6.809	6.925
Natural Gas	1.393	1.404	1.342	1.327	1.373	1.403	1.426	1.456	1.480	1.502	1.522	1.543	1.565
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.010	0.010	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
Pipeline Natural Gas	0.053	0.052	0.055	0.060	0.061	0.062	0.063	0.066	0.067	0.067	0.069	0.072	0.072
Natural Gas Subtotal	1.456	1.466	1.413	1.403	1.450	1.481	1.505	1.537	1.562	1.585	1.607	1.630	1.653
Metallurgical Coal	0.078	0.076	0.084	0.081	0.081	0.080	0.081	0.081	0.081	0.082	0.082	0.083	0.084
Other Coal	0.311	0.293	0.288	0.293	0.297	0.299	0.300	0.299	0.298	0.297	0.297	0.296	0.296
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.077	-0.027	-0.029	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.010	-0.010	-0.010	-0.010
Coal Subtotal	0.312	0.342	0.343	0.362	0.367	0.368	0.370	0.369	0.368	0.368	0.368	0.368	0.369
Biofuels Heat and Coproducts	0.213	0.245	0.315	0.354	0.454	0.613	0.689	0.707	0.722	0.727	0.731	0.736	0.740
Renewable Energy 13/	0.634	0.553	0.594	0.601	0.603	0.603	0.607	0.614	0.622	0.629	0.636	0.644	0.653
Electricity	2.651	2.723	2.735	2.812	2.892	2.948	3.010	3.072	3.140	3.201	3.265	3.327	3.392
Delivered Energy	11.391	11.480	11.591	11.692	11.957	12.255	12.498	12.702	12.912	13.109	13.312	13.514	13.733
Electricity Related Losses	5.080	5.263	5.113	5.134	5.118	5.190	5.232	5.279	5.297	5.329	5.379	5.427	5.412
Total	16.471	16.744	16.704	16.826	17.076	17.445	17.730	17.981	18.209	18.438	18.691	18.941	19.145
Electric Power 14/													
Distillate Fuel Oil	0.073	0.088	0.087	0.087	0.088	0.092	0.094	0.096	0.096	0.097	0.097	0.097	0.097
Residual Fuel Oil	0.413	0.399	0.225	0.225	0.225	0.225	0.225	0.226	0.230	0.230	0.231	0.230	0.230
Liquid Fuels Subtotal	0.487	0.487	0.312	0.312	0.313	0.317	0.319	0.322	0.326	0.327	0.328	0.327	0.327
Natural Gas	0.789	0.906	0.835	0.821	0.845	0.855	0.857	0.909	0.883	0.908	0.931	1.035	1.052
Steam Coal	4.155	4.274	4.385	4.465	4.492	4.585	4.669	4.718	4.840	4.908	4.992	4.976	4.991
Nuclear Power	2.068	2.058	2.052	2.055	2.046	2.031	2.032	2.032	2.032	2.032	2.032	2.042	2.062
Renewable Energy 15/	0.231	0.261	0.265	0.293	0.315	0.350	0.365	0.370	0.356	0.355	0.361	0.373	0.371
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	7.731	7.986	7.848	7.947	8.011	8.139	8.241	8.351	8.436	8.530	8.643	8.754	8.804

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted) - South Atlantic-05

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Total Energy Consumption													
Liquefied Petroleum Gases	0.139	0.133	0.137	0.140	0.141	0.142	0.142	0.144	0.145	0.146	0.148	0.149	0.151
E85 8/	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Motor Gasoline 2/	3.476	3.474	3.510	3.484	3.485	3.503	3.532	3.583	3.639	3.700	3.769	3.841	3.915
Jet Fuel 9/	0.304	0.302	0.306	0.316	0.327	0.341	0.358	0.365	0.371	0.377	0.382	0.388	0.393
Kerosene	0.030	0.036	0.036	0.041	0.042	0.042	0.043	0.043	0.043	0.043	0.043	0.043	0.043
Distillate Fuel Oil	1.428	1.462	1.498	1.506	1.524	1.550	1.576	1.609	1.640	1.670	1.698	1.724	1.752
Residual Fuel Oil	0.604	0.604	0.417	0.393	0.393	0.395	0.398	0.398	0.404	0.405	0.407	0.406	0.408
Petrochemical Feedstocks	0.212	0.194	0.185	0.200	0.207	0.206	0.207	0.207	0.208	0.208	0.208	0.208	0.209
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Other Petroleum 12/	0.420	0.432	0.413	0.391	0.385	0.379	0.380	0.375	0.374	0.375	0.378	0.376	0.381
Liquid Fuels Subtotal	6.613	6.638	6.502	6.472	6.505	6.559	6.637	6.725	6.825	6.926	7.034	7.136	7.253
Natural Gas	2.182	2.310	2.177	2.148	2.218	2.258	2.283	2.364	2.363	2.410	2.453	2.578	2.617
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Lease and Plant Fuel 6/	0.010	0.010	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016
Pipeline Natural Gas	0.053	0.052	0.055	0.060	0.061	0.062	0.063	0.066	0.067	0.067	0.069	0.072	0.072
Natural Gas Subtotal	2.245	2.372	2.248	2.224	2.295	2.336	2.362	2.446	2.445	2.493	2.537	2.666	2.706
Metallurgical Coal	0.078	0.076	0.084	0.081	0.081	0.080	0.081	0.081	0.081	0.082	0.082	0.083	0.084
Other Coal	4.467	4.567	4.673	4.759	4.789	4.884	4.969	5.017	5.137	5.205	5.289	5.272	5.287
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Net Coal Coke Imports	-0.077	-0.027	-0.029	-0.012	-0.012	-0.011	-0.011	-0.011	-0.011	-0.010	-0.010	-0.010	-0.010
Coal Subtotal	4.467	4.617	4.728	4.827	4.858	4.953	5.038	5.087	5.208	5.276	5.361	5.345	5.360
Nuclear Power	2.068	2.058	2.052	2.055	2.046	2.031	2.032	2.032	2.032	2.032	2.032	2.042	2.062
Biofuels Heat and Coproducts	0.213	0.245	0.315	0.354	0.454	0.613	0.689	0.707	0.722	0.727	0.731	0.736	0.740
Renewable Energy 16/	0.865	0.815	0.859	0.894	0.917	0.952	0.972	0.984	0.977	0.984	0.997	1.017	1.024
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	16.471	16.744	16.704	16.826	17.076	17.445	17.730	17.981	18.209	18.438	18.691	18.941	19.145
Energy Use & Related Statistics													
Delivered Energy Use	11.391	11.480	11.591	11.692	11.957	12.255	12.498	12.702	12.912	13.109	13.312	13.514	13.733
Total Energy Use	16.471	16.744	16.704	16.826	17.076	17.445	17.730	17.981	18.209	18.438	18.691	18.941	19.145
Population (millions)	55.291	56.087	56.886	57.689	58.494	59.310	60.135	60.967	61.808	62.657	63.513	64.378	65.250
Carbon Dioxide Emissions (million metric tons)	980.71	1007.53	994.86	999.58	1006.66	1018.93	1032.66	1047.80	1065.93	1081.70	1099.76	1111.69	1123.03

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted) - South Atlantic-05

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Residential															
Liquefied Petroleum Gases	0.088	0.089	0.090	0.091	0.092	0.093	0.094	0.096	0.096	0.098	0.099	0.100	0.101	0.102	1.2%
Kerosene	0.035	0.034	0.034	0.034	0.033	0.033	0.032	0.032	0.032	0.032	0.031	0.031	0.030	0.030	0.1%
Distillate Fuel Oil	0.074	0.073	0.071	0.070	0.068	0.067	0.066	0.064	0.063	0.062	0.060	0.059	0.058	0.057	-1.7%
Liquid Fuels Subtotal	0.197	0.196	0.195	0.195	0.194	0.193	0.192	0.192	0.191	0.191	0.190	0.190	0.189	0.189	-0.1%
Natural Gas	0.524	0.527	0.531	0.537	0.539	0.542	0.545	0.549	0.551	0.554	0.557	0.561	0.561	0.564	0.7%
Coal	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-1.4%
Renewable Energy 1/ Electricity	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.0%
Delivered Energy	1.486	1.512	1.539	1.571	1.592	1.618	1.644	1.674	1.697	1.724	1.751	1.781	1.802	1.828	1.8%
Electricity Related Losses	2.269	2.298	2.329	2.366	2.388	2.417	2.445	2.479	2.502	2.532	2.561	2.595	2.616	2.644	1.3%
Total	2.351	2.351	2.349	2.353	2.347	2.329	2.310	2.297	2.267	2.236	2.225	2.224	2.219	2.229	-0.1%
Total	4.620	4.649	4.678	4.718	4.735	4.746	4.755	4.776	4.769	4.768	4.786	4.819	4.834	4.873	0.6%
Commercial															
Liquefied Petroleum Gases	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016	0.016	0.6%
Motor Gasoline 2/ Kerosene	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.8%
Distillate Fuel Oil	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.8%
Residual Fuel Oil	0.077	0.077	0.078	0.078	0.079	0.079	0.080	0.080	0.081	0.081	0.082	0.082	0.082	0.083	0.4%
Liquid Fuels Subtotal	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.3%
Natural Gas	0.118	0.119	0.119	0.120	0.120	0.121	0.122	0.122	0.123	0.124	0.125	0.125	0.126	0.127	0.5%
Coal	0.507	0.517	0.528	0.539	0.551	0.563	0.574	0.585	0.598	0.611	0.624	0.636	0.649	0.663	2.3%
Renewable Energy 3/ Electricity	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	-1.1%
Delivered Energy	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.0%
Electricity Related Losses	1.316	1.347	1.380	1.413	1.448	1.485	1.523	1.562	1.602	1.644	1.687	1.731	1.776	1.822	2.6%
Total	1.969	2.011	2.055	2.100	2.148	2.197	2.248	2.301	2.351	2.407	2.464	2.521	2.579	2.640	2.4%
Total	2.083	2.095	2.105	2.117	2.135	2.137	2.140	2.143	2.140	2.131	2.143	2.162	2.186	2.222	0.7%
Total	4.052	4.106	4.160	4.217	4.283	4.334	4.388	4.441	4.492	4.538	4.607	4.682	4.765	4.862	1.5%
Industrial 4/															
Liquefied Petroleum Gases	0.039	0.039	0.039	0.039	0.039	0.040	0.040	0.040	0.040	0.040	0.041	0.041	0.041	0.042	0.5%
Motor Gasoline 2/ Distillate Fuel Oil	0.058	0.058	0.059	0.060	0.060	0.060	0.061	0.061	0.062	0.063	0.063	0.063	0.064	0.064	0.6%
Residual Fuel Oil	0.215	0.216	0.217	0.219	0.219	0.220	0.221	0.221	0.223	0.225	0.227	0.227	0.229	0.230	0.2%
Petrochemical Feedstocks	0.062	0.062	0.061	0.062	0.061	0.061	0.063	0.063	0.063	0.062	0.063	0.064	0.064	0.064	-1.7%
Other Petroleum 5/ Liquid Fuels Subtotal	0.209	0.209	0.210	0.212	0.213	0.214	0.216	0.217	0.218	0.220	0.222	0.223	0.226	0.227	0.6%
Natural Gas	0.352	0.352	0.353	0.359	0.358	0.362	0.366	0.367	0.371	0.374	0.378	0.383	0.383	0.388	-0.1%
Natural-Gas-to-Liquids Heat and Power	0.936	0.937	0.940	0.950	0.951	0.957	0.966	0.969	0.978	0.985	0.993	1.002	1.007	1.016	0.0%
Lease and Plant Fuel 6/ Natural Gas Subtotal	0.531	0.536	0.546	0.548	0.557	0.562	0.568	0.575	0.581	0.585	0.592	0.597	0.607	0.612	0.4%
Metallurgical Coal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Other Industrial Coal	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	2.1%
Coal-to-Liquids Heat and Power	0.547	0.552	0.562	0.564	0.573	0.579	0.584	0.591	0.597	0.602	0.608	0.614	0.624	0.629	0.5%
Net Coal Coke Imports	0.084	0.084	0.086	0.087	0.088	0.089	0.091	0.092	0.094	0.096	0.098	0.100	0.101	0.102	1.2%
Coal Subtotal	0.288	0.288	0.288	0.288	0.289	0.289	0.290	0.290	0.291	0.291	0.292	0.292	0.293	0.293	0.1%
Biofuels Heat and Coproducts	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Renewable Energy 7/ Electricity	-0.010	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-0.008	-0.007	-0.007	-5.1%
Delivered Energy	0.362	0.362	0.364	0.366	0.368	0.370	0.372	0.374	0.376	0.379	0.382	0.384	0.386	0.388	0.6%
Electricity Related Losses	0.748	0.759	0.770	0.778	0.791	0.804	0.809	0.819	0.833	0.841	0.851	0.856	0.866	0.876	5.2%
Total	0.575	0.580	0.588	0.596	0.603	0.610	0.617	0.626	0.636	0.645	0.654	0.662	0.671	0.681	1.5%
Total	0.642	0.642	0.646	0.650	0.653	0.658	0.662	0.667	0.673	0.680	0.687	0.693	0.699	0.705	0.7%
Total	3.810	3.832	3.869	3.904	3.939	3.977	4.010	4.046	4.092	4.132	4.175	4.212	4.253	4.295	1.2%
Total	1.016	0.999	0.986	0.974	0.963	0.946	0.930	0.915	0.899	0.881	0.872	0.865	0.860	0.860	-1.1%
Total	4.825	4.831	4.855	4.877	4.902	4.923	4.939	4.961	4.991	5.013	5.047	5.077	5.113	5.154	0.7%
Transportation															
Liquefied Petroleum Gases	0.011	0.011	0.011	0.012	0.012	0.012	0.013	0.013	0.014	0.014	0.014	0.015	0.015	0.016	3.5%

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted) - South Atlantic-05

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
E85 8/	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.005	12.2%
Motor Gasoline 2/	3.924	4.001	4.076	4.157	4.238	4.317	4.402	4.485	4.569	4.660	4.750	4.838	4.928	5.016	1.6%
Jet Fuel 9/	0.399	0.403	0.409	0.412	0.414	0.417	0.419	0.422	0.424	0.427	0.430	0.433	0.437	0.442	1.5%
Distillate Fuel Oil 10/	1.311	1.333	1.360	1.390	1.422	1.456	1.490	1.528	1.570	1.615	1.660	1.706	1.751	1.799	2.4%
Residual Fuel Oil	0.106	0.106	0.107	0.108	0.109	0.109	0.110	0.111	0.111	0.112	0.113	0.113	0.114	0.115	0.7%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	43.7%
Other Petroleum 11/	0.034	0.034	0.034	0.034	0.035	0.035	0.035	0.036	0.036	0.036	0.037	0.037	0.037	0.037	0.8%
Liquid Fuels Subtotal	5.784	5.890	5.999	6.114	6.231	6.349	6.472	6.597	6.728	6.867	7.007	7.146	7.287	7.430	1.7%
Pipeline Fuel Natural Gas	0.073	0.074	0.074	0.075	0.075	0.075	0.075	0.075	0.076	0.076	0.076	0.076	0.076	0.076	1.5%
Compressed Natural Gas	0.014	0.015	0.015	0.016	0.016	0.017	0.017	0.018	0.019	0.019	0.020	0.020	0.021	0.021	5.5%
Electricity	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	1.6%
Delivered Energy	5.876	5.983	6.093	6.210	6.328	6.446	6.569	6.695	6.827	6.968	7.108	7.248	7.389	7.532	1.7%
Electricity Related Losses	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.006	0.006	0.007	-0.2%
Total	5.883	5.990	6.100	6.217	6.335	6.453	6.576	6.701	6.834	6.974	7.115	7.254	7.396	7.539	1.7%
Delivered Energy Consumption, All Sectors															
Liquefied Petroleum Gases	0.152	0.154	0.156	0.158	0.159	0.161	0.162	0.164	0.166	0.167	0.169	0.171	0.173	0.175	1.1%
E85 8/	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.005	12.2%
Motor Gasoline 2/	3.991	4.069	4.145	4.226	4.308	4.387	4.472	4.556	4.641	4.732	4.823	4.911	5.001	5.091	1.5%
Jet Fuel 9/	0.399	0.403	0.409	0.412	0.414	0.417	0.419	0.422	0.424	0.427	0.430	0.433	0.437	0.442	1.5%
Kerosene	0.043	0.042	0.042	0.042	0.041	0.041	0.041	0.040	0.040	0.040	0.039	0.039	0.039	0.039	0.2%
Distillate Fuel Oil	1.677	1.699	1.726	1.757	1.788	1.821	1.856	1.893	1.937	1.983	2.029	2.074	2.120	2.169	1.8%
Residual Fuel Oil	0.178	0.179	0.179	0.180	0.180	0.181	0.183	0.183	0.184	0.185	0.186	0.188	0.188	0.189	-0.3%
Petrochemical Feedstocks	0.209	0.209	0.210	0.212	0.213	0.214	0.216	0.217	0.218	0.220	0.222	0.223	0.226	0.227	0.6%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	43.7%
Other Petroleum 12/	0.384	0.385	0.386	0.392	0.392	0.395	0.400	0.402	0.406	0.409	0.413	0.418	0.419	0.424	-0.1%
Liquid Fuels Subtotal	7.035	7.141	7.253	7.379	7.496	7.619	7.751	7.881	8.020	8.167	8.315	8.463	8.609	8.761	1.4%
Natural Gas	1.576	1.594	1.620	1.640	1.663	1.684	1.704	1.727	1.747	1.769	1.792	1.814	1.838	1.860	1.1%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Lease and Plant Fuel 6/	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	2.1%
Pipeline Natural Gas	0.073	0.074	0.074	0.075	0.075	0.075	0.075	0.075	0.076	0.076	0.076	0.076	0.076	0.076	1.5%
Natural Gas Subtotal	1.665	1.684	1.710	1.731	1.755	1.776	1.796	1.818	1.840	1.862	1.885	1.908	1.931	1.953	1.2%
Metallurgical Coal	0.084	0.084	0.086	0.087	0.088	0.089	0.091	0.092	0.094	0.096	0.098	0.100	0.101	0.102	1.2%
Other Coal	0.295	0.294	0.295	0.295	0.296	0.296	0.296	0.297	0.297	0.298	0.298	0.299	0.300	0.300	0.1%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Net Coal Coke Imports	-0.010	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-0.008	-0.007	-0.007	-5.1%
Coal Subtotal	0.369	0.369	0.371	0.373	0.375	0.377	0.379	0.381	0.383	0.386	0.389	0.391	0.393	0.395	0.6%
Biofuels Heat and Coproducts	0.748	0.759	0.770	0.778	0.791	0.804	0.809	0.819	0.833	0.841	0.851	0.856	0.866	0.876	5.2%
Renewable Energy 13/	0.659	0.665	0.672	0.681	0.688	0.695	0.702	0.711	0.720	0.730	0.739	0.747	0.756	0.766	1.3%
Electricity	3.448	3.506	3.570	3.639	3.698	3.766	3.835	3.908	3.977	4.053	4.130	4.210	4.282	4.361	1.9%
Delivered Energy	13.924	14.125	14.346	14.579	14.803	15.037	15.272	15.518	15.773	16.038	16.308	16.576	16.837	17.111	1.6%
Electricity Related Losses	5.457	5.451	5.447	5.450	5.451	5.419	5.386	5.362	5.313	5.255	5.246	5.257	5.271	5.317	0.0%
Total	19.381	19.576	19.793	20.030	20.254	20.456	20.658	20.879	21.086	21.294	21.554	21.833	22.108	22.428	1.2%
Electric Power 14/															
Distillate Fuel Oil	0.097	0.097	0.097	0.097	0.098	0.099	0.100	0.101	0.101	0.101	0.101	0.101	0.101	0.101	0.6%
Residual Fuel Oil	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.232	0.231	0.231	-2.2%
Liquid Fuels Subtotal	0.327	0.327	0.328	0.328	0.328	0.329	0.331	0.332	0.332	0.331	0.331	0.332	0.331	0.331	-1.5%
Natural Gas	1.038	1.064	1.059	1.085	1.085	1.065	1.056	1.060	1.087	1.092	1.085	1.064	1.019	0.997	0.4%
Steam Coal	5.080	5.099	5.159	5.206	5.266	5.308	5.349	5.379	5.364	5.375	5.383	5.408	5.476	5.552	1.1%
Nuclear Power	2.089	2.089	2.089	2.089	2.089	2.089	2.089	2.089	2.089	2.089	2.149	2.229	2.296	2.362	0.6%
Renewable Energy 15/	0.372	0.379	0.381	0.381	0.381	0.394	0.396	0.411	0.418	0.421	0.428	0.434	0.431	0.436	2.1%
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Total	8.905	8.958	9.016	9.089	9.149	9.184	9.221	9.270	9.290	9.308	9.376	9.467	9.553	9.678	0.8%

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted) - South Atlantic-05

	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2005-2030
Total Energy Consumption															
Liquefied Petroleum Gases	0.152	0.154	0.156	0.158	0.159	0.161	0.162	0.164	0.166	0.167	0.169	0.171	0.173	0.175	1.1%
E85 8/	0.001	0.001	0.001	0.001	0.002	0.002	0.002	0.003	0.003	0.003	0.004	0.004	0.004	0.005	12.2%
Motor Gasoline 2/	3.991	4.069	4.145	4.226	4.308	4.387	4.472	4.556	4.641	4.732	4.823	4.911	5.001	5.091	1.5%
Jet Fuel 9/	0.399	0.403	0.409	0.412	0.414	0.417	0.419	0.422	0.424	0.427	0.430	0.433	0.437	0.442	1.5%
Kerosene	0.043	0.042	0.042	0.042	0.041	0.041	0.041	0.040	0.040	0.040	0.039	0.039	0.039	0.039	0.2%
Distillate Fuel Oil	1.774	1.796	1.823	1.854	1.886	1.920	1.956	1.995	2.038	2.084	2.129	2.175	2.221	2.269	1.8%
Residual Fuel Oil	0.409	0.409	0.409	0.410	0.410	0.411	0.413	0.414	0.415	0.415	0.416	0.419	0.419	0.420	-1.4%
Petrochemical Feedstocks	0.209	0.209	0.210	0.212	0.213	0.214	0.216	0.217	0.218	0.220	0.222	0.223	0.226	0.227	0.6%
Liquid Hydrogen	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	43.7%
Other Petroleum 12/	0.384	0.385	0.386	0.392	0.392	0.395	0.400	0.402	0.406	0.409	0.413	0.418	0.419	0.424	-0.1%
Liquid Fuels Subtotal	7.362	7.469	7.580	7.706	7.824	7.948	8.082	8.212	8.351	8.498	8.646	8.796	8.940	9.092	1.3%
Natural Gas	2.614	2.658	2.679	2.725	2.748	2.750	2.760	2.786	2.835	2.861	2.877	2.878	2.857	2.857	0.9%
Natural-Gas-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Lease and Plant Fuel 6/	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	2.1%
Pipeline Natural Gas	0.073	0.074	0.074	0.075	0.075	0.075	0.075	0.075	0.076	0.076	0.076	0.076	0.076	0.076	1.5%
Natural Gas Subtotal	2.703	2.748	2.770	2.816	2.840	2.841	2.852	2.878	2.927	2.954	2.970	2.972	2.949	2.950	0.9%
Metallurgical Coal	0.084	0.084	0.086	0.087	0.088	0.089	0.091	0.092	0.094	0.096	0.098	0.100	0.101	0.102	1.2%
Other Coal	5.375	5.393	5.454	5.501	5.562	5.604	5.646	5.675	5.661	5.672	5.681	5.707	5.776	5.852	1.0%
Coal-to-Liquids Heat and Power	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Net Coal Coke Imports	-0.010	-0.009	-0.009	-0.009	-0.009	-0.009	-0.009	-0.008	-0.008	-0.008	-0.008	-0.008	-0.007	-0.007	-5.1%
Coal Subtotal	5.449	5.468	5.530	5.579	5.641	5.684	5.728	5.759	5.747	5.760	5.771	5.799	5.869	5.947	1.0%
Nuclear Power	2.089	2.089	2.089	2.089	2.089	2.089	2.089	2.089	2.089	2.089	2.149	2.229	2.296	2.362	0.6%
Biofuels Heat and Coproducts	0.748	0.759	0.770	0.778	0.791	0.804	0.809	0.819	0.833	0.841	0.851	0.856	0.866	0.876	5.2%
Renewable Energy 16/	1.031	1.043	1.054	1.062	1.068	1.089	1.098	1.122	1.139	1.151	1.167	1.181	1.187	1.201	1.6%
Electricity Imports	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	N/A
Total	19.381	19.576	19.793	20.030	20.254	20.456	20.658	20.879	21.086	21.294	21.554	21.833	22.108	22.428	1.2%
Energy Use & Related Statistics															
Delivered Energy Use	13.924	14.125	14.346	14.579	14.803	15.037	15.272	15.518	15.773	16.038	16.308	16.576	16.837	17.111	1.6%
Total Energy Use	19.381	19.576	19.793	20.030	20.254	20.456	20.658	20.879	21.086	21.294	21.554	21.833	22.108	22.428	1.2%
Population (millions)	66.129	67.016	67.911	68.816	69.731	70.659	71.600	72.554	73.522	74.500	75.486	76.483	77.490	78.507	1.4%
Carbon Dioxide Emissions (million metric tons)	1138.60	1149.97	1164.29	1179.70	1194.74	1207.18	1220.88	1233.83	1244.40	1256.86	1268.51	1281.46	1296.47	1313.85	1.1%

Table 5. Energy Consumption by Sector and Source
(quadrillion Btu, unless otherwise noted) - South Atlantic-05

- 1/ Includes wood used for residential heating.
 - 2/ Includes ethanol (blends of 10 percent or less) and ethers blended into gasoline.
 - 3/ Includes commercial sector consumption of wood and wood waste, landfill gas, municipal solid waste, and other biomass for combined heat and power.
 - 4/ Includes energy for combined heat and power plants, except those whose primary business is to sell electricity, or electricity and heat, to the public.
 - 5/ Includes petroleum coke, asphalt, road oil, lubricants, still gas, tire-derived fuel, and miscellaneous petroleum products.
 - 6/ Represents natural gas used in well, field, and lease operations, and in natural gas processing plant machinery.
 - 7/ Includes consumption of energy produced from hydroelectric, wood and wood waste, municipal solid waste, and other biomass sources.
 - 8/ E85 refers to a blend of 85 percent ethanol (renewable) and 15 percent motor gasoline (nonrenewable). To address cold starting issues, the percentage of ethanol actually varies seasonally. The annual average ethanol content of 74 percent is used for this forecast.
 - 9/ Includes only kerosene type.
 - 10/ Diesel fuel for on- and off- road use.
 - 11/ Includes aviation gasoline and lubricants.
 - 12/ Includes unfinished oils, natural gasoline, motor gasoline blending components, aviation gasoline, lubricants, still gas, asphalt, road oil, petroleum coke, tire-derived fuel, and miscellaneous petroleum products.
 - 13/ Includes electricity generated for sale to the grid and for own use from renewable sources, and non-electric energy from renewable sources. Excludes nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.
 - 14/ Includes consumption of energy by electricity-only and combined heat and power plants whose primary business is to sell electricity, or electricity and heat, to the public. Includes small power producers and exempt wholesale generators.
 - 15/ Includes conventional hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, petroleum coke, wind, photovoltaic and solar thermal sources. Excludes net electricity imports.
 - 16/ Includes hydroelectric, geothermal, wood and wood waste, municipal solid waste, other biomass, wind, photovoltaic and solar thermal sources. Includes ethanol components of E85; excludes ethanol blends (10 percent or less) in motor gasoline. Excludes net electricity imports and nonmarketed renewable energy consumption for geothermal heat pumps, buildings photovoltaic systems, and solar thermal hot water heaters.
- Btu = British thermal unit.
N/A = Not applicable.
- Note: Totals may not equal sum of components due to independent rounding. Data for 2004 and 2005 are model results and may differ slightly from official EIA data reports. Consumption values of 0.00 are values that round to 0.00, because they are less than 0.005.
- Sources: 2004 and 2005 consumption based on: Energy Information Administration (EIA), Annual Energy Review 2005, DOE/EIA-0384(2005) (Washington, DC, July 2006). 2004 and 2005 population and gross domestic product: Global Insight macroeconomic model CTL0806. 2004 and 2005 carbon dioxide emissions: EIA, Emissions of Greenhouse Gases in the United States 2005, DOE/EIA-0573(2005) (Washington, DC, December 2006). Projections: EIA, AEO2007 National Energy Modeling System run aeo2007.d112106a.